Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 20 Jul 2023 until 23:59 on Friday 21 Jul 2023

Forecast Issued on Thursday 20 Jul 2023 at 01:09

Confidence: High confidence for turning more unsettled this weekend, but lower confidence in precipitation and cloud detail.

Headline for Thursday 20 Jul 2023: Sunny spells and scattered showers.

Mountain weather hazards on Thursday 20 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	20%	40%	40%	30%	10%

Forecast for Thursday 20 Jul 2023

Weather: Mostly dry start with sunny spells, although any patchy early valley fog is likely to quickly clear. Scattered showers developing through the morning, with the odd sharp shower possible by afternoon. Some areas may stay dry, however. Showers become more isolated from late afternoon to give a generally fine evening.

Chance of cloud-free hill tops above 600m: 80% at first, soon becoming near 100% by mid-morning.

Low cloud and visibility: Any overnight fog quickly clearing, with early patches of summit cloud soon lifting comfortably above summits during the morning. Visibility generally good or very good, perhaps briefly poor in any heavier showers, or very poor in early low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 20 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 W	12/17 W	12/17 W	13/19 W	13/19 W	9/16 W	10/15 W
300	7/9 SW	10/15 W	11/16 W	12/18 W	12/18 NW	7/14 NW	8/12 W
Valley	2/6 SW	9/15 W	9/17 W	11/20 W	10/20 NW	5/13 NW	4/9 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	11/8	12/10	13/10	12/9	9/7	8/6
300	11/10	14/12	15/13	16/13	14/12	12/11	11/9
Valley	12/12	15/13	16/14	17/14	15/13	12/11	11/10
Freezing Level*	2100m	1900m	1900m	2000m	1800m	1800m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the risk of showers, UV levels remain high in sunny spells, so sun protection is advisable.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 20 Jul 2023	3.8mm	11.6mm	31mm

Forecast for Friday 21 Jul 2023

Weather: Probably becoming rather cloudier through the early hours with scattered showers developing soon after dawn. However, some cloud breaks should develop through the morning to give some sunny spells but still with a scattering of occasionally sharp showers. Cloud likely increasing again later in the afternoon or evening, bringing more persistent rain later in the evening. Some uncertainty in the timing of this, however.

Maximum wind: West to northwest 15 mph gust 25 mph.

Chance of cloud-free hill tops above 600m: 90-100% for most daylight hours, probably lowering to around 40% late afternoon or early evening.

Low cloud and visibility: Any overnight patches of summit cloud soon dispersing, then cloud should remain above summits through the morning, gradually lowering later in the afternoon and through the evening with areas of cloud base 500-600m later. Generally very good visibility at first, but moderate in rain or showers, becoming very poor at times later in low cloud covering hills.

Temperature: **Valleys:** Plus 9 degrees Celsius rising to Plus 18 degrees Celsius.
At 600m: Plus 8-11 degrees Celsius.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.